

PATENT APPLICATION

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of)	
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Applicant: Bernier et al.)	
)	
Title: Chemical Composition that)	Group Art Unit:
Attract Arthropods)	
)	Examiner:
)	
Serial No.:)	
)	
Docket No.: 0148.01)	
)	
Filed:)	
)	
)	

DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.56

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with 37 C.F.R. 1.56 Applicants herewith submit documents believed to be relevant to the above-identified patent application. The documents are listed on form PTO-1449 attached hereto. A copy of each document is enclosed.

This Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; or (iii) the above information constitutes prior art in the subject invention.

REFERENCES

1. Saini et al., "A Behavioural Bioassay to Identify Attractive Odours for Glossinidae", (Medical and Veterinary Entomology, (1987), Vol. 1, No. 3, pp. 313-18), STN/CAS online, file Medline, Abstract.
2. Mihok et al., "Trials of Traps and Attractants for Stomoxys spp. Diptera: Muscidae", (Journal of Medical Entomology, (1995) Vol. 32, No. 3, pp. 283-89). STM/CAS online, file BIOSIS, Abstract.
3. Voskamp et al., "Olfactory Responses to Attractants and Repellants in Tsetse", (Medical and Veterinary Entomology, (1999) Vol. 13, No. 4, pp. 386-92), STN/CAS online, file BIOSIS, Abstract.
4. Laye et al., "Chemical, Microbiological and Sensory Properties of Plain Nonfat Yogurt", (1993), (Journal of Food Science, Vol. 58, No. 5, pp. 991-95.)
5. Granata et al., "Improved Acid, Flavor and Volatile Compound Production in a High Protein and Fiber Soymilk Yogurt-like Product", (1996), (Journal of Food Science, Vol. 61, No. 2, pp. 331-36.)
6. Hosono et al., "Metabolism of Brevibacterium Linens and Its Application." (Rakuno Kagaku No Kenkyu(1969), Vol. 18, No. 6, pp. A164-A169), STN/CAS online, file CAPLUS, Abstract.)
7. Hansen et al., "Flavour of Sourdough Rye Bread Crumb", (1989), Lebensm.-Wiss.u.-Technol., Bol. 22, pp. 141-144.)
8. Smith et al., (L-lactic Acid as a Factor in the Attraction of Aedes Aegyptic (Diptera: Culicidae) to Human Hosts, Ann. Entomol. Soc. Amer. (1970), Vol. 63, No.3, pp. 760-70.)

Respectfully submitted,

May 3, 2007
Date

Gail E. Poulos
Gail E. Poulos, Patent Advisor
Registration No. 36,327
USDA-ARS-OTT
5601 Sunnyside Ave. Rm. 4-1159
Beltsville, MD 20705-5131
Telephone: (301) 504-5302

Enclosures
PTO-1449 (2 sheets)
8 References

cc:
H. Silverstein
U. Bernier

(Use several sheets if necessary)

0148.01

APPLICANT
U. Bernier et al.

FILING DATE

GROUP

[illegible][illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Saini et al., "A Behavioural Bioassay to Identify Attractive <u>Odours</u> for Glossinidae", (Medical and Veterinary Entomology, (1987), Vol. 1, No. 3, pp. 313-18), STN/CAS online, file Medline, Abstract.
	Mihok et al., "Trials of Traps and Attractants for Stomoxys spp. Diptera: Muscidae", (Journal of Medical Entomology, (1995) Vol. 32, No. 3, pp. 283-89). STM/CAS online, file BIOSIS, Abstract.
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	Laye et al., "Chemical, Microbiological and Sensory Properties of Plain Nonfat Yogurt", (1993), (Journal of Food Science, Vol. 58, No. 5, pp. 991-95.)

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[illegible][illegible]

-	Granata et al., "Improved Acid, Flavor and Volatile Compound Production in a <u>High Protein and Fiber</u> Soymilk Yogurt-like Product", (1996), (Journal of Food Science, Vol. 61, No. 2, pp. 331-36.)
	Hosono et al., "Metabolism of Brevibacterium Linens and Its Application." (Rakuno Kagaku No <u>Kenkyu</u> (1969), Vol. 18, No. 6, pp. A164-A169), STN/CAS online, file CAPLUS, Abstract.)
-	Hansen et al., "Flavour of Sourdough Rye Bread Crumb", (1989), Lebensm.-Wiss.u.-Technol., Bol. 22, pp. 141-144.)
-	Smith et al., (L-lactic Acid as a Factor in the Attraction of Aedes Aegyptic (Diptera: Culicidae) to Human Hosts, Ann. Entomol. Soc. Amer. (1970), Vol. 63, No.3, pp. 760-70.)

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(Form PTO-1449 [6-4])

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Applicant: Ulrich R. Bernier et al.)	
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Title: Chemical Composition that)	Group Art Unit:
Attract Arthropods)	
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Serial No.:)	
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Docket No.: 0184.03)	
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Filed:)	

DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. 1.56

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. 1.56 Applicants herewith submit documents believed to be relevant to the above-identified patent application. The documents are listed on form PTO-1449 attached hereto. A copy of each document is enclosed.

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REFERENCES

1. U.S. Patent No. 5,943,815, Paganessi. J., et al.,
March 14, 1997.
2. Eugene W. Seitz, "Microbial and Enzyme-Induced Flavors in
Dairy Foods", J. Dairy Sci., Vol. 73, pp. 3664-3691, (1990).
3. STN/CAS online, file CROPU, Acc. No. 1998-89883 (Kline et
al., J. Am. Mosq. Control Assoc., Vol. 14(3), pp. 289-297
(1998)), Abstract.

Respectfully submitted,

September 25, 2003
Date

Gail E. Poulos

Gail E. Poulos, Patent Advisor
Registration No. 36,327
USDA-ARS-OTT
5601 Sunnyside Ave., Rm. 4-1186
Beltsville, Maryland 20705-5131
Telephone: (301) 504-5302

Enclosures
PTO-1449 (1 page)
3 References
cc: J. Fado
U. Bernier

FORM PTO-1449 U.S. Department of Commerce
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

0184.03

SERIAL NO.

APPLICANT

U. Bernier et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUBCLA SS	FILING DATE IF APPROPRIATE
	5 9 4 3 8 1 5	Mar. 14 1997	J. Paganessi et al.	43	107	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLA SS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Eugene W. Seitz, "Microbial and Enzyme-Induced Flavors in Dairy Foods", <u>J. Dairy Sci.</u> , Vol. 73, pp. 3664-3691, (1990).
	STN/CAS online, file CROPU, Acc. No. 1998-89883 (Kline et al., J. Am. Mosq. Control Assoc., Vol. 14(3), pp. 289-297 (1998)), Abstract.

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Form 1449*	Atty. Docket No.: 862.003US1	Serial No. 09/304,362
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Ulrich R. Bernier et al.	
	Filing Date: May 4, 1999	Group: 1614

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**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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	4,187,200	02/05/1980	Jenkin, W.C.	252	472	06/20/78
	4,818,526	04/04/1989	Wilson, R.A., et al.	424	84	08/29/86
	4,907,366	03/13/1990	Balfour, R.S.	43	132.1	09/27/89
	5,657,756	08/19/1997	Vrba, J., et al.	128	653.1	06/07/95
	5,679,364	10/21/1997	Levy, R.	424	405	06/07/95

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**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
	98/26661	06/25/1998	PCT	A01N	37/36	

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**Examiner Initial	
-	Acree Jr., F., et al., "L-Lactic Acid: A Mosquito Attractant Isolated from Humans", <u>Science</u> , 161, 1346-1347, (Sept. 2, 1968)
-	Bar-Zeev, M., et al., "Studies on the Attraction of Aedes Aegypti (Diptera: Culicidae) to Man", <u>Journal of Medical Entomology</u> , 14 (1), 113-120, (Aug. 20, 1977)
✓	Bernier, J.R., "Mass Spectrometric Investigation of Mosquito Attraction to Human Skin Emanations", Ph.D. Thesis presented at the University of Florida, Published by UMI Dissertation Services, Ann Arbor, MI, 1-333 p., (1995)
✓	Bernier, J.R., et al., "Analysis of Human Skin Emanations by Gas Chromatography/Mass Spectrometry. 1. Thermal Desorption of Attractants for the Yellow Fever Mosquito (Aedes aegypti) from Handled Glass Beads", <u>Analytical Chemistry</u> , 71 (1), Accelerated Articles, 1-7 p., (Jan. 1, 1999)
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-	Braks, M.A., et al., "Incubated Human Sweat But Not Fresh Sweat Attracts the Malaria Mosquito Anopheles gambiae Sensu Stricto", <u>Journal of Chemical Ecology</u> , 25 (3), 663-672, (1999)
-	Carlson, D.A., et al., "Carbon Dioxide Released from Human Skin: Effect of Temperature and Insect Repellents", <u>Journal of Medical Entomology</u> , 29 (2), 165-170, (1992)

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*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER. Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form 1449*	Atty. Docket No.: 862.003 JS1	Serial No. 09/304,362
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Ulrich R. Bernier et al.	
	Filing Date: May 4, 1999	Group: 1614

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(Including Author, Title, Date, Pertinent Pages, Etc.)

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-	Carlson, D.A., et al., "Yellowfever Mosquitoes: Compounds Related to Lactic Acid that Attract Females", <u>Journal of Economic Entomology</u> , 66 (2), 329-331, (April 1973)
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Form 1449*	Atty. Docket No.: 862.0031JS1	Serial No. 09/304,362
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Ulrich R. Bernier et al.	
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